

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY DOCKET NO.		APPLICATION NO.	
			UIC-0048 APPLICANT(S) Gell, et al. FILING DATE January 12, 2004		10/755,856 GROUP ART UNIT 1262 / 785	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UX	4,377,371	3/12/1983	Wisander, et al.	415	174	3/12/1981
	5,672,548	7/16/1991	Lau, et al.	505	1	5/17/1989
	5,073,473	12/17/1991	Taylor,	428	134	10/20/1989
	5,304,519	4/19/1994	Jackson, et al.	503	103	10/28/1991
	5,418,015	5/23/1995	Jackson, et al.	417	452	5/28/1994
U.S. PATENT APPLICATION PUBLICATIONS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
Ly	UK3100821	11.06.1981	United Kingdom			
	WO 97/09994	28.02.1997	PCT			
	WO 00/08649	06.01.00	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
Ly		Arellano-Lopez, "Microstructural Characterization of Small-Particle Plasma Spray Coatings". J. Am. Ceram. Soc. 82 (8) 2284-2288 (1999)				
UX		Bouyer, et al. "Characterization of SiC and Si <sub>3</sub> N <sub>4</sub> coatings synthesized by means of inductive thermal plasmas from dilute precursors". Applied Organometallic Chemistry. Appl. Organometal. Chem. 2001; 15: 833-840				
EXAMINER		DATE CONSIDERED		1/18/06		
*EXAMINER, initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

EXAMINER INITIALS <i>LW</i>			ATTY DOCKET NO. UCT-6846		APPLICATION NO. 19/755,856	
			GELL, et al.			
			FILING January 12, 2004	GROUP ART 1762		
INFORMATION ON PRIORITY CITATION (Use separate sheets if necessary)						
MUR 13 2004						
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FLING DATE IF APPROPRIATE
<i>LW</i>	5,431,895	6/06/1995	Takemoto, et al.	318	726	12/23/1993
	5,510,516	5/28/1996	Taylor, et al.	616	241	9/16/1994
	5,609,021	3/31/1997	Gitzhafer, et al.	427	446	8/26/1994
	5,620,524	4/16/1997	Fox, et al.	318	726	2/27/1995
<i>LW</i>	5,743,013	4/08/1998	Taylor, et al.	29	889.7	2/01/1996
U.S. PATENT APPLICATION PUBLICATIONS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FLING DATE IF APPROPRIATE
<i>[Large diagonal line crossing the entire table]</i>						
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>[Large diagonal line crossing the entire table]</i>						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>LW</i>	Delbos, et al. "Plasma Spray Elaboration of Fluffy Structured YSZ Thin Coating by Liquid Suspension Injection". Thermal Spray 2003: Advancing the Science & Applying the Technology, (Ed.) C. Marcus and E. Marpic, Published by ASM International, Materials Park, Ohio, USA, 2003, pp 661-665					
<i>LW</i>	Davi, et al. "Comparison of citrate-nitrate gel combustion and precursor plasma spray processes for the synthesis of yttrium-aluminum garnet". J. Mater. Res., Vol. 17, No. 11, Nov. 2002, pp 2846-2851					
EXAMINER <i>LW</i>			DATE CONSIDERED <i>1/18/05</i>			
EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO.	APPLICATION NO.	
				13CT-0040	10755,856	
				Gell, et al.		
				FILING	GROUP ART	
				January 12, 2004	1762	
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PATENT DATE IF APPROPRIATE
LX	5,724,772	4/28/1998	Bernicki, et al.	219	121,47	05/21/1998
	5,888,470	1/12/1999	Bernicki, et al.	427	433	01/12/1999
	5,876,683	3/2/1999	Olamac, et al.	423	325	03/02/1999
✓	6,025,034	2/16/2000	Strati, et al.	427	450	02/16/1998
	6,131,693	10/17/2000	Hunt, et al.	264	5	04/16/1999
U.S. PATENT APPLICATION PUBLICATIONS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PATENT DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
LX	David, et al. "Single-step deposition of Eurolipon Y2003 phosphorus coatings through a precursor plasma spraying technique". J. Mater. Res., Vol 17, No. 11, Nov. 2002, pp. 2771-2774					
LX	Karshkeyan, et al. "Preparation of Nanophase Materials by Thermal Spray Processing of Liquid Precursors". Nanostructured Materials, Vol. 9, pp. 137-148, 1997					
EXAMINER		<i>Laney R.</i>		DATE CONSIDERED		
EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 605. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

<b>INFORMATION DISCLOSURE CITATION</b> U.S. PATENT AND TRADEMARK OFFICE 1801 30TH STREET, NW, SUITE 200 WASHINGTON, DC 20591-0001 (202) 707-7600 FAX: (202) 707-7601 E-mail: <a href="mailto:USPTO-PTO-1449@uspto.gov">USPTO-PTO-1449@uspto.gov</a> MAILING ADDRESS: 1801 30TH STREET, NW, SUITE 200 WASHINGTON, DC 20591-0001 DATE: JULY 2, 2004				ATTY DOCKET NO. DCT-0040	APPLICATION NO. 10/755,856		
				Geli, et al.			
				FILING JULY 12, 2004		GROUP ART 1762	
<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PRINT DATE IS APPROPRIATE	
/Y	6,195,584	02/27/2001	Moritz, et al.	392	394	11/19/1997	
/	6,277,448	08/31/2001	Struth, et al.	427	481	6/4/1999	
/	6,432,487	08/13/2002	Graham, et al.	427	654	12/28/2000	
/	6,447,848	09/10/2002	Cheon, et al.	427	445	6/30/1998	
<b>U. S. PATENT APPLICATION PUBLICATIONS</b>							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PRINT DATE IS APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
(4)		Kartlikkeyan, et al. "nanomaterial Deposits Formed by DC Plasma Spraying of Liquid Feedstocks". J. Am. Ceram. Soc., 81 (1) 121-128 (1998)					
(6)		Kartlikkeyan, et al. "Nanomaterial Powders and Deposits Prepared by Flame Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 8, No. 1, pp. 61-74, 1997					
EXAMINER <i>Wojcik</i>		DATE CONSIDERED <i>11/8/06</i>					
*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY DOCKET NO. EJCT-0940	APPLICATION NO 16755,856		
			Gell, et al. FILING January 11, 2004	GROUP ART 1281785		
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	
					FILED DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	
					FILED DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	
					TRANSLATION YES      NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
X	Ma, et al. "Intermediate Temperature SOFC Based on Fully Integrated Plasma Sprayed Components". 6 pages (2003)					
W	Ma, et al. "Study of Unique Microstructure in SPS Ceramic NanoCoatings". 6 pages (2003)					
EXAMINER <i>Luz R.</i>			DATE CONSIDERED 1/18/06			

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;"><b>OIEPE</b> <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i> AUG 12 2004</p>		Document Number (Ovalized): UCT-0040	Application Number: 10755.956
		Applicant(s): Gell, et al.	
		Filing Date: January 12, 2004	Group Art Ref: 1262 1771
EXAMINER <i>[Signature]</i>	PUBLISHED DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	<p>Pastore, et al. "Towards Durable Thermal Barrier Coatings with Novel Microstructures Deposited by Solution-Precursors Plasma Spray". Acta mater. 49 (2001) 2251-2257</p> <p><i>LX</i></p>		
	<p>Su, et al. "In Situ Characterization of Small-Particulate Plasma Sprayed Powders". Journal of Thermal Spray Technology Vol. 11 (1) March 2002 pp 52-61</p> <p><i>1</i></p>		
	<p>Parikurayamma, et al. "Yttrium Aluminide Garnet (YAG) Films through a Precursor Plasma Spraying Technique" J. Am. Ceram. Soc., 84 (8) 1906-1909 (2001)</p>		
	<p>Tikkainen, et al. "Characteristics of the Liquid Flame spray process." Surface and Coatings Technology 90 (1997) 213-216</p>		
	<p>Schlichting, "Failure Modes in Plasma-Sprayed Thermal Barrier Coatings" University of Connecticut, (2000) 185 pages</p> <p><i>2</i></p>		
EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>1/18/06</i>		

\*EXAMINER: Initial if citation considered whether or not citation is in conformance with AIEPE Section 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.